

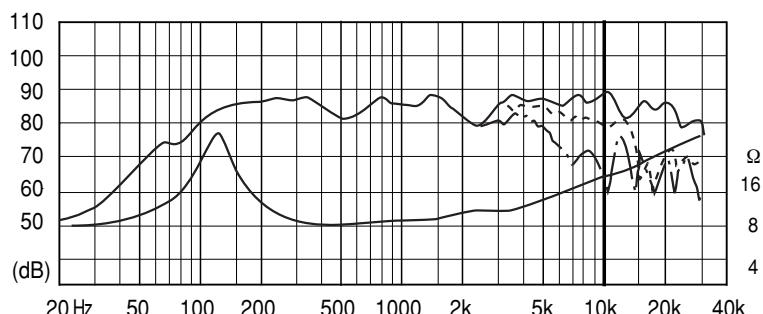
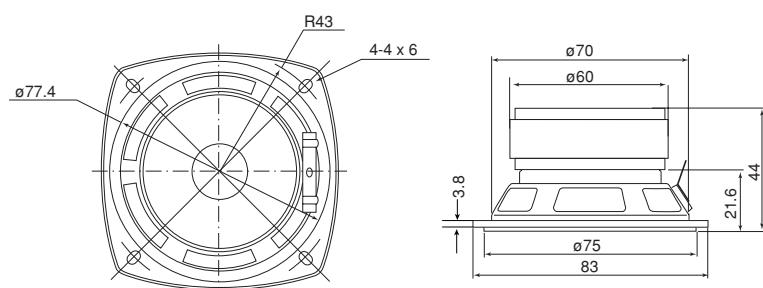
**Fostex®****FE83E****Features**

- 'ES cone' paper made of banana plant's fiber
- Newly designed center cap
- Ferrite magnet

**Specifications**  
**&**  
**Thiele/Small Parameters**

Size	:	80 mm / 3 in
Voice Coil Diameter	:	16 mm / 0.6 in
Cast / Stamped	:	Cast
Impedance	:	8 Ω
Reproduction Frequency Response	:	fs - 30 kHz
Sound Pressure Level	:	88 dB/W(m)
Rated Input	:	5 W
Music Power	:	10 W
Magnet Material	:	Ferrite
Magnet Weight		
(main)	:	140 g / 0.309 lb
(cancel)	:	g / lb
Net Weight	:	360 g / 0.794 lb

a :	30 mm
D :	60 mm
Sd :	0.00283 m <sup>2</sup>
Zn :	8 Ω
Fs :	127 Hz
Re :	7.87 Ω
Le :	n/a mH
Qms :	4.00
Qes :	0.98
Qts :	0.79
Mms :	1.39 g
BL :	2.98 Tesla/m
Vas :	1.29 L
Xmax :	0.40 mm
Eff/η0 :	0.26 %
Cms :	0.00115 mm/N
EBP :	130

**Frequency Response / Impedance****Dimensions & Mounting Information**

Overall Diameter	:	83 mm / 3.3 in
Baffle Hole Diameter	:	70 mm / 2.8 in
Depth	:	44 mm / 1.7 in